



DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO

GOVERNOR

MIKE D. McDANIEL, Ph.D.

SECRETARY

Certified Mail No.

Activity No.: PER20060007

Agency Interest No. 17897

Mr. Marc Breitling
Vice President Louisiana Gulf Coast
Targa Midstream Services, L.P.
1000 Louisiana Street, Suite 4300
Houston, Texas 77002

RE: Part 70 Operating Permit, Targa Midstream Services Limited Partnership - Venice Gas Processing Plant,
Targa Midstream Services, L.P., Venice, Plaquemines Parish, Louisiana

Dear Mr. Breitling:

This is to inform you that the permit modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the 3rd of March, 2011, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2007.

Permit No.: 2240-00015-V2

Sincerely,

Chuck Carr Brown Ph.D.
Assistant Secretary

CCB:sbp

c: EPA Region VI

ENVIRONMENTAL SERVICES

: PO BOX 4313, BATON ROUGE, LA 70821-4313

P:225-219-3181 F:225-219-3309

WWW.DEQ.LOUISIANA.GOV

PUBLIC NOTICE
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)
TARGA MIDSTREAM SERVICES, L.P. - VENICE GAS PROCESSING PLANT
PROPOSED PART 70 AIR OPERATING PERMIT MAJOR MODIFICATION

The LDEQ, Office of Environmental Services, is accepting written comments on a Part 70 air operating permit major modification for Targa Midstream Services, L.P., 1000 Louisiana Street, Suite 4300, Houston, TX 77002, for the Targa Midstream Services Limited Partnership - Venice Gas Processing Plant. **The facility is located at 1565 Tidewater Road, approximately 5 miles from the Gulf of Mexico along Pass Tanta Phine and Red Pass of the Mississippi River Delta System near Venice, Louisiana in Plaquemines Parish.**

The Targa Midstream Services Limited Partnership-Venice Gas Processing Plant receives natural gas via pipeline and is an existing natural gas processing facility. Targa Midstream Services, L.P. requested authorization to begin the Cryo Plant II construction project. The purpose of the Cryo Plant II construction project is to add a 26,500 brake horsepower natural gas-fired turbine engine, a 40 MM BTU/hr natural gas-fired boiler, a 2,518 horsepower diesel-fired emergency generator, and a 1000-gallon diesel storage tank as well as update fugitive equipment leak emissions as a result of the additional Cryo Plant II operations. The new equipment associated with the Cryo Plant II construction project is to replace the equipment associated with the existing Lean Oil absorption operation which was heavily damaged by Hurricane Katrina in 2005. In addition, the TEG dehydration unit, which is associated with the facility's fractionation process, is being shut down as a result of hurricane damage. Overall, emissions from the facility will be significantly reduced as a result of this project since Targa proposes to remove several emission points.

This permit was processed as an expedited permit in accordance with LAC 33:I.Chapter 18.

Estimated emissions in tons per year are as follows:

Pollutant	Before	After	Change
PM ₁₀	38.09	29.96	-8.13
SO ₂	6.89	11.04	+4.15
NO _x	778.59	665.95	-112.64
CO	683.99	564.05	-119.94
VOC*	357.58	159.30	-198.28
*Toxic VOC included in Totals	11.560	12.912	+ 1.352

A technical review of the working draft of the proposed permit was submitted to the facility representative and the LDEQ Surveillance Division. Any remarks received during the technical review will be addressed in the "Worksheet for Technical Review of Working Draft of Proposed Permit". All remarks received by LDEQ are included in the record that is available for public review.

Written comments, written requests for a public hearing or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Tuesday, April 24, 2007.** Written comments will be considered prior to a final permit decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The application, proposed Part 70 air operating permit major modification, supplemental information and statement of basis are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5th Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). **The available information can also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at www.deq.louisiana.gov.**

An additional copy may be reviewed at the Plaquemines Parish Library, Belle Chase Branch, 8442 Highway 23, Belle Chase, LA 70037.

Inquiries or requests for additional information regarding this permit action should be directed to Mr. Scott B. Pierce, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3181.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at maillistrequest@ldeq.org or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

Permit public notices including electronic access to the proposed permit and statement of basis can be viewed at the LDEQ permits public notice webpage at www.deq.state.la.us/news/PubNotice/ and general information related to the public participation in permitting activities can be viewed at www.deq.louisiana.gov/portal/tabid/2198/Default.aspx.

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at http://www.state.la.us/ldbc/listservpage/ldeq_pn_listserv.htm.

All correspondence should specify AI Number 17897, Permit Number 2240-00015-V2, and Activity Number PER20060007.

Scheduled Publication Date: March 23, 2007

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Targa Midstream Services Limited Partnership - Venice Gas Processing Plant
Agency Interest No.: 17897
Targa Midstream Services, L.P.
Venice, Plaquemines Parish, Louisiana

I. Background

The Venice Gas Processing Plant is an existing natural gas processing facility that is located approximately 5 miles from the Gulf of Mexico along Pass Tanta Phine and Red Pass of the Mississippi River Delta System near Venice, Louisiana in Plaquemines Parish. The operator of the facility, which is the responsible party for regulatory purposes, changed from Warren Petroleum Company, L.P. to Dynegy Midstream Services, L.P. effective July 6, 1998, and then to Targa Midstream Services, L.P. (Targa) effective October 31, 2005. The facility operated under Permit No. 2240-00015-V0 issued December 30, 1997, and 2884-V0 issued February 18, 2004. The facility is also comprised of the Koch Venice Cryogenic Plant which operated under Permit No. 2477-V0 issued July 24, 1997, and PSD-LA-612 issued July 24, 1997. The cryogenic plant, which is now under the ownership and operation of Targa, was consolidated with the renewed gas processing plant permit which currently operates under Permit No. 2240-00015-V1 issued on March 3, 2006.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by Targa on December 18, 2006, requesting a Part 70 operating permit modification. Additional information dated January 12, 2007, January 22, 2007, February 8, 2007, February 13, 2007, and February 22, 2007, was also received.

III. Description

The Venice Gas Processing Plant, a nominal 750 MM scf/day natural gas processing facility, receives natural gas via pipeline. Natural gas liquids (NGL) are recovered from the gas and are then fractionated into an ethane-propane mix, propane, normal butane, iso-butane, and natural gasoline. Residue gas (consisting principally of methane) from the facility is delivered to pipeline. Products from the facility are delivered by pipeline and barge. Air emission sources include turbine engines; steam generation boilers; storage tanks; a process flare; generator, pump and compressor engines; and equipment fugitives.

The Venice Gas Processing Plant consists of two (2), parallel cryogenic processing trains: Cryo Plant I and the proposed Cryo Plant II. Cryo Plant I was built in 1997 and is rated at a nominal inlet capacity of 300 MM scf/day. Residue gas from Cryo Plant I is compressed using a General Electric Frame V natural gas-fired turbine engine driving the centrifugal compressor. Combustion emissions from the Cryo Plant I turbine are controlled using steam injection.

Cryo Plant II will have a rated, nominal inlet capacity of 450 MM scf/day. Residue gas from Cryo Plant II will be compressed using a General Electric LM-2500 GB natural gas-fired

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turbine engine driving the centrifugal compressor. Combustion emissions from the Cryo Plant II turbine will be controlled using water injection.

The two (2) cryogenic plants share a common utility system for electrical power, treated water, steam generation, and flare.

With this modification, Targa proposes to authorize the Cryo Plant II construction project. The purpose of the Cryo Plant II construction project is to add a 26,500 brake horsepower natural gas-fired turbine engine (EQT046), a 40 MM BTU/hr natural gas-fired boiler (EQT045), a 2,518 horsepower diesel-fired emergency generator, and a 1000-gallon diesel storage tank as well as update fugitive equipment leak emissions (FUG003) as a result of the additional Cryo Plant II operations. The new equipment associated with the Cryo Plant II construction project is to replace the equipment associated with the existing Lean Oil absorption operation which was heavily damaged by Hurricane Katrina in 2005. In addition, the TEG dehydration unit, which is associated with the facility's fractionation process, is being shut down as a result of hurricane damage. Overall, emissions from the facility will be significantly reduced as a result of the project since Targa proposes to remove the following emission points:

- EQT002 – Process Heater F-401B
- EQT003 – Process Heater F-401C
- EQT005 – Steam Boiler B-1100-B
- EQT006 – Steam Boiler B-1100-D
- EQT007 – Steam Boiler B-1100-F
- Emission Point No. 97 – Steam Boiler B-1100-J
- EQT010 – Condensate/Lean Oil Tank S-302A
- EQT011 – Condensate/Lean Oil Tank S-302B
- EQT012 – Condensate/Lean Oil Tank S-303A
- EQT013 – Condensate/Lean Oil Tank S-303B
- EQT025 – TEG Dehydrator Vent
- EQT030 – Waste Heat Boiler
- EQT038 – Condensate Tank (VSP)
- EQT040 – EG Dehydrator Vent

The potential increase in NO_x and CO emissions from affected sources (*without respect to decreases*) was above their significance levels; therefore, a PSD netting analysis was required. The net contemporaneous increase in both NO_x and CO emissions (as evaluated on an actual to allowable basis using 2003 through 2004 actual emissions) was less than the significance level of 40 TPY for NO_x and 100 TPY for CO; therefore, PSD review was not required. Reduction of NO_x and CO emissions was obtained by the proposed removal of the aforementioned process heaters, steam boilers, and waste heat boiler as emission sources.

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In accordance with LAC 33:III.527, the installation of the new Cryo 2 LM 2500 Turbine and its applicability to 40 CFR 60 Subpart KKKK constitutes a Title I modification as defined in LAC 33:III.502. Therefore, a public notice of the proposed permit in accordance with LAC 33:III.519.C is required prior to taking final action.

Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	38.09	29.96	- 8.13
SO ₂	6.89	11.04	+ 4.15
NO _x	778.59	665.95	- 112.64
CO	683.99	564.05	- 119.94
VOC *	357.58	159.30	- 198.28

*VOC LAC 33:III.Chapter 51 Toxic Air Pollutants (TAPs):

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
Benzene	0.698	0.487	- 0.211
Ethyl benzene	0.049	0.023	- 0.026
Formaldehyde	3.110	3.761	+ 0.651
n-Hexane	6.968	8.101	+ 1.133
Methanol	0.261	0.261	---
Toluene	0.329	0.204	- 0.125
Xylenes	0.145	0.075	- 0.070
Total	11.560	12.912	+ 1.352

Other VOC (TPY): 146.388

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IV. Type of Review

This permit was reviewed for compliance with 40 CFR Part 70, the Louisiana Air Quality Regulations, and New Source Performance Standards (NSPS). Prevention of Significant Deterioration (PSD) and National Emission Standards for Hazardous Air Pollutants (NESHAP) do not apply.

This facility was previously a major source of LAC 33:III.Chapter 51 Toxic Air Pollutants (TAPs), but is now a minor source of TAPs. Permittee shall comply with all the requirements of LAC 33:III.5105.A, 5107.A, B, & C, 5111.A.4, and 5113.

The facility is also regulated under established standards in New Source Performance Standards (NSPS), 40 CFR 60 Subpart GG – Standards of Performance for Stationary Gas Turbines, 40 CFR 60 Subpart KKKK – Standards of Performance for Stationary Combustion Turbines, 40 CFR 60 Subpart Db – Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units, 40 CFR 60 Subpart Dc – Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units, and 40 CFR 60 Subpart KKK - Standards of Performance for Equipment Leaks of VOC From Onshore Natural Gas Processing Plants.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

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VII. Effects on Ambient Air

Dispersion Model(s) Used: None

VIII. General Condition XVII Activities

Work Activity	Schedule	Emission Rates – tons per year				
		PM ₁₀	SO ₂	NO _x	CO	VOC
Equipment maintenance & repair	Monthly	---	---	2.0	4.0	3.0
Opening of off-line equipment	Quarterly	---	---	---	---	4.0
Equipment safety & inspection checks	N/A	---	---	---	---	---
Equipment draining	N/A	---	---	--	Neg.	Neg.
Preventative maintenance	Monthly	---	---	2.0	4.0	3.0
Equipment cleaning	N/A	---	Neg.	Neg.	Neg.	Neg.
Tank cleaning	Monthly	---	---	---	---	3.0
Compressor maintenance	Monthly	---	---	---	---	3.0
Valve/Pump maintenance	Monthly	---	---	---	---	3.0
Sample collection	Weekly	---	---	---	---	1.0
Vessel/Pipeline blowdowns	Monthly	---	---	2.0	4.0	3.0
Facility start-ups/shut-downs	Quarterly	---	---	3.0	4.0	3.0
Gas sniffer calibrations	Quarterly	---	---	---	---	1.0
Dead weight testing	N/A	---	---	---	---	---
Meter testing & inspection	Monthly	---	---	---	---	2.0
Solids removal from sumps	N/A	---	---	---	---	---
Changing filters	Monthly	---	---	---	---	---
Equipment preparation	N/A	---	---	---	---	3.0
Changing orifice plates	Monthly	---	---	---	---	1.0
Compressor start-ups/shut-down vents	Monthly	---	---	3.0	4.0	3.0

IX. Insignificant Activities

ID No.:	Description	Citation
	Diesel Storage Tank, 500 gallons	LAC 33:III.501.B.5.A.3
	Heater, 6 MM BTU/hr	LAC 33:III.501.B.5.A.1

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Agency Interest No.: 17897

Targa Midstream Services LP

Venice, Plaquemines Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III, Chapter																	
		5▲	9	11	13	15	2103	2104*	2113	2111	2115	2116*	2121	22	29*	51*	53*	56	59*
AI 17897	Venice Gas Processing Plant	1	1	1	1			1							1	1		1	1
EQT 004	14 Steam Boiler B-1100-A			1	1	1													
EQT 008	20 Steam Boiler B-1100-G			1	1	1													
EQT 009	21 Process Flare			1		1													
EQT 014	28 Open Roof Wastewater Tank S-304B						3												
EQT 015	33 Condensate/Lean Oil Tank S-313						1												
EQT 016	43 Gasoline Storage Tank						1												
EQT 017	44 Lean Oil Tank (Fixed Roof)						3												
EQT 018	45 Methanol Tank No. 1 (Horizontal)						1												
EQT 019	46 Methanol Tank No. 2 (Horizontal)						1												
EQT 020	48 Plant Firewater Pump				1	1													

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ID No.:	Description	LAC 33:III. Chapter																	
		5▲	9	11	13	15	2103	2104*	2113	2111	2115	2116*	2121	22	29*	51*	53*	56	59*
EQT 021	Joy Air Compressor (Portable) 50				1	1													
EQT 022	Sullair Compressor 51				1	1													
EQT 023	Emergency Generator No. 2 53				1	1													
EQT 024	Sullair Diesel Air Compressor 54				1	1													
EQT 028	API Sump 56																		
EQT 029	Centaur, T-5700 Turbine 58				1	1													
EQT 031	Solar Saturn Turbine Compressor No. 1 (VSP) 80				1	1													
EQT 032	Solar Saturn Turbine Compressor No. 2 (VSP) 81				1	1													
EQT 033	Solar Saturn Turbine Compressor No. 3 (VSP) 82				1	1													

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X. Table I. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III Chapter																	
		5▲	9	11	13	15	2103	2104*	2113	2111	2115	2116*	2121	22	29*	51*	53*	56	59*
EQT 034	84 Reciprocating Air Compressor				1	1													
EQT 035	85 Generator				1	1													
EQT 036	90 Condensate/Produced Water Fixed Roof Tank (VSP)						3												
EQT 037	91 Condensate Fixed Roof Tank (VSP) (Fixed Roof)						3												
EQT 041	100 Turbine Compressor Engine	1			1	1													
EQT 042	103 Steam Boiler B-1100-K			1	1	1													
EQT 043	Diesel Storage Tank						3												
EQT 044	Diesel-fired Emergency Generator				1	1													
EQT 045	Natural Gas-fired Boiler			1	1	1													

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III Chapter																	
		5 [▲]	9	11	13	15	2103	2104*	2113	2111	2115	2116*	2121	22	29*	51*	53*	56	59*
EQT 46	Cryo 2 LM 2500 Turbine				1	1													
FUG 001	57 Fugitive Emissions								1				1					1	
FUG 002	95 Fugitive Emission (VSP)								1				1					1	
FUG 003	101 Fugitive Emissions (VCP)								1				1					1	

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

KEY TO MATRIX

- 1 -The regulations have applicable requirements that apply to this particular emission source.
 -The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
 - 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
 - 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.
- Blank – The regulations clearly do not apply to this type of emission source.

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS											40 CFR 61				40 CFR 63 NESHP			40 CFR						
		A	K	Ka	Kb	D	Db	Dc	GG	KKK	III	KKKK	A	J	V	A	HH	SS	VV	HHH	52	64	68			
AI 17897	Venice Gas Processing Plant	1																							1	
EQT 004	14 Steam Boiler B-1100-A				3	3	3																			
EQT 008	20 Steam Boiler B-1100-G					3	3	3																		
EQT 009	21 Process Flare	1																								
EQT 014	28 Open Roof Wastewater Tank S-304B		3	3	3																					
EQT 015	33 Condensate/Lean Oil Tank S-313		3	3	3																					
EQT 016	43 Gasoline Storage Tank		3	3	3																					
EQT 017	44 Lean Oil Tank (Fixed Roof)		3	3	3																					

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS														40 CFR 61			40 CFR 63 NESHAP				40 CFR			
		A	K	Ka	Kb	D	Db	Dc	GG	KK	III	KKK	A	J	V	A	HH	SS	VV	HHH	52	64	68			
EQT 018	Methanol Tank No. 1 (Horizontal) 45		3	3	3																					
EQT 019	Methanol Tank No. 2 (Horizontal) 46		3	3	3																					
EQT 020	Plant Firewater Pump 48																									
EQT 021	Joy Air Compressor (Portable) 50										3															
EQT 022	Sullair Compressor 51										3															
EQT 023	Emergency Generator No. 2 53										3															
EQT 024	Sullair Diesel Air Compressor 54											3														
EQT 028	API Sump 56	3		3		3																				

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ID No.:	Description	40 CFR 60 NSPS										40 CFR 61			40 CFR 63 NESHAP				40 CFR						
		A	K	Ka	Kb	D	Db	Dc	GG	KKK	IIII	KKKK	A	J	V	A	HH	SS	VV	HHH	52	64	68		
EQT 029	58 Centaur, T-5700 Turbine	1							1				3												
EQT 031	80 Solar Saturn Turbine Compressor No. 1 (VSP)								3				3												
EQT 032	81 Solar Saturn Turbine Compressor No. 2 (VSP)								3				3												
EQT 033	82 Solar Saturn Turbine Compressor No. 3 (VSP)								3				3												
EQT 034	84 Reciprocating Air Compressor											3													
EQT 035	85 Generator																								

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS											40 CFR 61			40 CFR 63 NESHAP				40 CFR						
		A	K	Ka	Kb	D	Db	Dc	GG	KKK	III	KKKK	A	J	V	A	HH	SS	VV	HHH	52	64	68			
EQT 036	90 Condensate/Produced Water Fixed Roof Tank (VSP)		3	3	3																					
EQT 037	91 Condensate Fixed Roof Tank (VSP) (Fixed Roof)		3	3	3																					
EQT 041	100 Turbine Compressor Engine								3				3													
EQT 042	103 Steam Boiler B-1100-K	1				1																				
EQT 043	Diesel Storage Tank				3																					
EQT 044	Diesel-fired Emergency Generator										3															
EQT 045	Natural Gas-fired Boiler	1				1																				
EQT 46	Cryo 2 LM 2500 Turbine	1						3				1														
FUG 001	57 Fugitive Emissions	1							1																	

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Targa Midstream Services Limited Partnership - Venice Gas Processing Plant

Agency Interest No.: 17897

Targa Midstream Services LP

Venice, Plaquemines Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS										40 CFR 61			40 CFR 63 NESHAP				40 CFR							
		A	K	Ka	Kb	D	Db	Dc	GG	KKK	III	KKKK	A	J	V	A	HH	SS	VV	HHH	52	64	68			
FUG 002	95 Fugitive Emission (VSP)																									
FUG 003	101 Fugitive Emissions																									

KEY TO MATRIX

- 1 -The regulations have applicable requirements that apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

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 Targa Midstream Services LP
 Venice, Plaquemines Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT 4 14- Steam Boiler B-1100-A EQT 8 20- Steam Boiler B-1100-G	NSPS Subpart D – Standards of Performance for Fossil-Fuel-Fired Steam Generators. [40 CFR 60.40b] NSPS Subpart Db – Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units. [40 CFR 60.40b] NSPS Subpart Dc – Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units. [40 CFR 60.40c]	DOES NOT APPLY. Boilers were constructed prior to August 17, 1971, and have heat input rates < 250 MM BTU/hr. DOES NOT APPLY. Boilers were constructed prior to 1984. DOES NOT APPLY. Boilers were constructed prior to 1989.
EQT 31 80 - Solar Saturn Turbine No. 1 EQT 32 81 - Solar Saturn Turbine No. 2 EQT 33 82 - Solar Saturn Turbine No. 3	NSPS Subpart GG – Standards of Performance for Stationary Gas Turbines [40 CFR 60.330] NSPS Subpart KKKK – Standards of Performance for Stationary Combustion Turbines [40 CFR 60.4305]	DOES NOT APPLY. Turbines have a heat input less than 10 MM BTU/hr.
EQT 29 58 – Centaur, T-5700 Turbine	NSPS Subpart KKKK – Standards of Performance for Stationary Combustion Turbines [40 CFR 60.4305]	DOES NOT APPLY. Turbine was constructed prior to February 18, 2005 and has not been modified or reconstructed.
EQT 41 100 – GE Frame 5 Turbine	NSPS Subpart GG – Standards of Performance for Stationary Gas Turbines [40 CFR 60.330] NSPS Subpart KKKK – Standards of Performance for Stationary Combustion Turbines [40 CFR 60.4305]	DOES NOT APPLY. Turbine was constructed prior to October 3, 1977 and has not been modified or reconstructed.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT46 Cryo 2 LM 2500 Turbine	NSPS Subpart GG – Standards of Performance for Stationary Gas Turbines [40 CFR 60.330]	DOES NOT APPLY. Turbine must comply with 40 CFR 60 Subpart KKKK.
EQT 14 28-Open Roof Wastewater Tank EQT 17 44-Lean Oil Tank (Fixed Roof) EQT 43 Diesel Storage Tank	LAC 33:III.Chapter 21 – Control of Emission of Organic Compounds. [LAC 33:III.2103]	DOES NOT APPLY. True vapor pressure is less than 1.5 psia
EQT 14 28-Open Roof Wastewater Tank EQT 15 33-Condensate/Lean Oil Tank	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tanks were constructed prior to June 11, 1973.
EQT 16 43-Gasoline Storage Tank EQT 17 44-Lean Oil Tank EQT 18	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tanks were constructed prior to May 18, 1978.
45 – Methanol Tank No. 1 EQT 19 46 – Methanol Tank No. 2 EQT 28 56-API Sump EQT 36 90-Condensate/Produced Water Tank EQT 37 91-Condensate Tank	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.

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Targa Midstream Services Limited Partnership - Venice Gas Processing Plant

Agency Interest No.: 17897

Targa Midstream Services LP

Venice, Plaquemines Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT 4 14-Steam Boiler B-1100-A	LAC 33:III.1503 – Emission Limitations	EXEMPT. Units emit less than 100 tons of SO ₂ per year. [LAC 33:III.1503.C and 1511.A]
EQT 8 20-Steam Boiler B-1100-G	LAC 33:III.1511 – Continuous Emissions Monitoring	
EQT 9 21- Process Flare		
EQT 20 48- Plant Firewater Pump		
EQT 21 50- Joy Air Compressor		
EQT 22 51- Sullair Compressor		
EQT 23 53- Emergency Generator No. 2		
EQT 24 54- Sullair Diesel Compressor		
EQT 29 58- Centaur, T-5700 Turbine		
EQT 31 80- Solar Saturn Turbine No.1		
EQT 32 81- Solar Saturn Turbine No.2		
EQT 33 82- Solar Saturn Turbine No.3		

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Targa Midstream Services LP

Venice, Plaquemines Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT 34	LAC 33:III.1503 – Emission Limitations	EXEMPT. Units emit less than 100 tons of SO ₂ per year. [LAC 33:III.1503.C and 1511.A]
84- Reciprocating Compressor		
EQT 35	LAC 33:III.1511 – Continuous Emissions Monitoring	
85- Generator		
EQT 41		
100-GE Frame 5 Turbine (VCP)		
EQT 42		
103- Steam Boiler B-1100-K		
EQT 44		
Diesel-fired Emergency Generator		
EQT 45		
Natural Gas-fire Boiler		
EQT 46		
Cyro 2 LM 2500 Turbine		
EQT 36	LAC 33:III.Chapter 21 – Control of Emission of Organic Compounds. [LAC 33:III.2103]	EXEMPT. Tanks store condensate prior to lease custody transfer. [LAC 33:III.2103.G.2]
90-Condensate/Produce Water Tank		
EQT 37		
91-Condensate Tank		

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Targa Midstream Services Limited Partnership - Venice Gas Processing Plant
 Agency Interest No.: 17897
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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT 43 Diesel Storage Tank	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tanks has a capacity less than 75 m ³ .
EQT 21 Joy Air Compressor (Portable) EQT 22 Sullair Compressor EQT 23 Emergency Generator No. 2 EQT 24 Sullair Diesel Air Compressor EQT 34 Reciprocating Air Compressor EQT 44 Diesel-fired Emergency Generator	NSPS Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines. [40 CFR 60.4200]	DOES NOT APPLY. Unit was manufactured before April 1, 2006.
FUG 2 95- Fugitive Emissions (VSP)	NSPS Subpart KKK – Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants. [40 CFR 60.630]	DOES NOT APPLY. Facilities were constructed prior to January 20, 1984, and have not been modified.

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

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- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]
- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];
 2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
 3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and

40 CFR PART 70 GENERAL CONDITIONS

4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]
- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit. [Reference 40 CFR 70.6(a)(3)(ii)(B)]
- J. Records of required monitoring shall include the following:
1. the date, place as defined in the permit, and time of sampling or measurements;
 2. the date(s) analyses were performed;
 3. the company or entity that performed the analyses;
 4. the analytical techniques or methods used;
 5. the results of such analyses; and
 6. the operating conditions as existing at the time of sampling or measurement.
- [Reference 40 CFR 70.6(a)(3)(ii)(A)]
- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]
- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]
- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]
- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an

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emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]

- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
 4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;
 5. changes in emissions would not qualify as a significant modification; and
 6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]
- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Enforcement Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33:III. Chapter 39.
 2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.

40 CFR PART 70 GENERAL CONDITIONS

3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:

- a. Report by June 30 to cover January through March
- b. Report by September 30 to cover April through June
- c. Report by December 31 to cover July through September
- d. Report by March 31 to cover October through December

4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]

S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]

T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:

1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]

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- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]

- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated December 18, 2006, along with supplemental information dated January 12, 2007, January 22, 2007, February 8, 2007, February 13, 2007 and February 22, 2007.
- IV. This permit shall become invalid, for the sources not constructed, if:
 - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
 - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.

The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.

This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.
- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.
- A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 - B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 - C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
 - 1. Report by June 30 to cover January through March
 - 2. Report by September 30 to cover April through June
 - 3. Report by December 31 to cover July through September
 - 4. Report by March 31 to cover October through December

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- D. Each report submitted in accordance with this condition shall contain the following information:
1. Description of noncomplying emission(s);
 2. Cause of noncompliance;
 3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
 4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
 5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
- E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.

XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:

- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
- B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
- C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
- D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.

XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.

XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Air Permits Division, within ninety (90) days after the event, to amend this permit.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:
1. Generally be less than 5 TPY
 2. Be less than the minimum emission rate (MER)
 3. Be scheduled daily, weekly, monthly, etc., or
 4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

- XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

- XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

AI ID: 17897 Targa Midstream Services Limited Partnership - Venice Gas Processing Plant
Activity Number: PER20060007
Permit Number: 2240-00015-V2
Air - Title V Regular Permit Major Mod

Also Known As:	ID	Name	User Group	Start Date
		Targa Midstream Services Limited Partnership	Air Permitting	10-31-2005
	2240-00015	Dynegy Midstream Services LP - Venice Gas Processing Plant	CDS Number	06-15-1999
	2240-00248	Dynegy Midstream Services LP - Venice Gas Processing Plant	CDS Number	12-05-2000
	2240-0003	Dynegy Midstream Services LP - Venice Gas Processing Plant	Emission Inventory	03-03-2004
	2240-0248	Dynegy Midstream Services LP - Venice Gas Processing Plant	Emission Inventory	03-03-2004
	25-05279252	Federal Tax ID	Federal Tax ID	11-21-1999
	LAD041514811	Dynegy Midstream - Venice Gas Plant	Hazardous Waste Notification	08-14-1980
	LA0003867	LPDES #	LPDES Permit #	06-09-2003
	LA0101419	LPDES #	LPDES Permit #	06-25-2003
	WP0482	WPC State Permit Number	LWDPS Permit #	06-25-2003
	WP4258	WPC State Permit Number	LWDPS Permit #	06-25-2003
	WP5489	WPC State Permit Number	LWDPS Permit #	06-25-2003
	G-075-3101	Priority 2 Emergency Site	Priority 2 Emergency Site	07-20-2006
	2081	Site ID #	Solid Waste Facility No.	11-21-1999
	26892	Warren Petroleum Co	TEMPO Merge	01-30-2002
	32559	Dynegy Midstream Services LP	TEMPO Merge	01-11-2001
	33880	Dynegy Midstream Services LP - Venice Gas Processing Plant	TEMPO Merge	09-09-2001
	3867	Dynegy Midstream Services LP	TEMPO Merge	08-26-2001
	43853	Warren Petroleum Co	TEMPO Merge	09-09-2001
	87407	Dynegy Midstream Services LP - Venice Stabilizing Plant	TEMPO Merge	01-30-2002
	91419	Koch Industries Inc - Cryogenic Gas Plant	TEMPO Merge	10-22-2003
	2240-0015	Warren Petroleum Co - Venice Terminal Facility	TEMPO Merge	09-09-2001
	70091DYNGY1565T	Toxic Emissions Data Inventory #	Toxic Emissions Data Inventory #	01-01-1991
	WQC 000615-05	TRI #	Toxic Release Inventory	07-09-2004
		Water Quality Certification #	Water Certification	02-06-2001

Physical Location:
 1565 Tidewater Rd
 Venice, LA 70091

Mailing Address:
 1000 Louisiana St Ste 4300
 Houston, TX 77002

Location of Front Gate: 29° 13' 31" latitude, 89° 23' 30" longitude, Coordinate Method: Interpolation - Map, Coordinate Datum: NAD27

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Marco Breiting	1000 Louisiana St Ste 4300 Houston, TX 77002	7135841409 (WP)	Responsible Official for

Main FAX: 7135841422
Main Phone: 7135841514

General Information

AI ID: 17897 Targa Midstream Services Limited Partnership - Venice Gas Processing Plant
Activity Number: PER20060007
Permit Number: 2240-00015-V2
Air - Title V Regular Permit Major Mod

Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Bryan Crismon	1565 Tidewater Rd Venice, LA 70091	9855344050 (WP)	Accident Prevention Contact for
	Bryan Crismon	1565 Tidewater Rd Venice, LA 70091	9855349542 (WF)	Accident Prevention Contact for
	Russell S. Dykes	1000 Louisiana St Ste 4300 Houston, TX 77002		Water Permit Contact For
	Russell S. Dykes	1000 Louisiana St Ste 4300 Houston, TX 77002		Water Billing Party for
	Joseph Liuzza	1565 Tidewater Rd Venice, LA 70091	9855347504 (WP)	Accident Prevention Billing Party for
	Joseph Liuzza	1565 Tidewater Rd Venice, LA 70091	9855349542 (WF)	Accident Prevention Billing Party for
	A. S. Shankar	1000 Louisiana St Ste 4300 Houston, TX 77002	7135076753 (WP)	Air Permit Contact For

Related Organizations:	Name	Address	Phone (Type)	Relationship
	Targa Midstream Services LP	1000 Louisiana St Ste 4300 Houston, TX 77002	7135841000 (WP)	Owns
	Targa Midstream Services LP	1000 Louisiana St Ste 4300 Houston, TX 77002	7135841000 (WP)	Air Billing Party for
	Targa Midstream Services LP	1000 Louisiana St Ste 4300 Houston, TX 77002	7135841000 (WP)	Operates

SIC Codes: 1321, Natural gas liquids

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to facupdate@ia.gov.

INVENTORIES

AI ID: 17897 - Targa Midstream Services Limited Partnership - Venice Gas Processing Plant
Activity Number: PER20060007
Permit Number: 2240-00015-V2
Air - Title V Regular Permit Major Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
EQT004	14 Steam Boiler B-1100-A		163.5 MM BTU/hr	108.1 MM BTU/hr		8760 hr/yr (All Year)
EQT008	20 Steam Boiler B-1100-G		163.5 MM BTU/hr	108.1 MM BTU/hr		8760 hr/yr (All Year)
EQT009	21 Process Flare		1207 scf/hr	824 scf/hr		8760 hr/yr (All Year)
EQT014	28 Open Roof Wastewater Tank S-304B	1.26 million gallons	8.82 MM gallons/yr	8.82 MM gallons/yr		8760 hr/yr (All Year)
EQT015	33 Condensate/Lean Oil Tank S-313	.84 million gallons	1.47 MM gallons/yr	1.47 MM gallons/yr		8760 hr/yr (All Year)
EQT016	43 Gasoline Storage Tank	1000 gallons	15000 gallons/yr	15000 gallons/yr		8760 hr/yr (All Year)
EQT017	44 Lean Oil Tank (Fixed Roof)	88116 gallons	.64 MM gallons/yr	.64 MM gallons/yr		8760 hr/yr (All Year)
EQT018	45 Methanol Tank No. 1 (Horizontal)	3000 gallons	50000 gallons/yr	50000 gallons/yr		8760 hr/yr (All Year)
EQT019	46 Methanol Tank No. 2 (Horizontal)	2000 gallons	50000 gallons/yr	50000 gallons/yr		8760 hr/yr (All Year)
EQT020	48 Plant Firewater Pump		195 horsepower	195 horsepower		26 hr/yr (All Year)
EQT021	50 Joy Air Compressor (Portable)		205 horsepower	205 horsepower		416 hr/yr (All Year)
EQT022	51 Sullair Compressor		78 horsepower	78 horsepower		1560 hr/yr (All Year)
EQT023	53 Emergency Generator No. 2		124 horsepower	124 horsepower		78 hr/yr (All Year)
EQT024	54 Sullair Diesel Air Compressor		300 horsepower	300 horsepower		500 hr/yr (All Year)
EQT025	55 TEG Dehydrator Vent. (Out of Service)					(None Specified)
EQT028	56 API Sump	1377 gallons	688.5 gallons/yr	688.5 gallons/yr		8760 hr/yr (All Year)
EQT029	58 Centaur, T-5700 Turbine		4888 horsepower	4888 horsepower		8760 hr/yr (All Year)
EQT031	80 Solar Saturn Turbine Compressor No. 1 (VSP)		1100 horsepower	1100 horsepower		8760 hr/yr (All Year)
EQT032	81 Solar Saturn Turbine Compressor No. 2 (VSP)		1100 horsepower	1100 horsepower		8760 hr/yr (All Year)
EQT033	82 Solar Saturn Turbine Compressor No. 3 (VSP)		1100 horsepower	1100 horsepower		8760 hr/yr (All Year)
EQT034	84 Reciprocating Air Compressor		102 horsepower	102 horsepower		8760 hr/yr (All Year)
EQT035	85 Generator		60 horsepower	60 horsepower		500 hr/yr (All Year)
EQT036	90 Condensate/Produced Water Fixed Roof Tank (VSP)	.42 million gallons	9 MM gallons/yr	9 MM gallons/yr	Production Tank	8760 hr/yr (All Year)
EQT037	91 Condensate Fixed Roof Tank (VSP)	.42 million gallons	9 MM gallons/yr	9 MM gallons/yr	Production Tank	8760 hr/yr (All Year)
EQT041	100 GE Frame 5 Turbine (VCP)		17500 horsepower	17500 horsepower		8760 hr/yr (All Year)
EQT042	103 Steam Boiler B-1100-K		180 MM BTU/hr	180 MM BTU/hr		8760 hr/yr (All Year)
EQT043	Diesel Storage Tank	1000 gallons				8760 hr/yr (All Year)
EQT044	Diesel-fired Emergency Generator		2518 horsepower	2518 horsepower		500 hr/yr (All Year)
EQT045	Natural Gas-fired Boiler		40 MM BTU/hr	40 MM BTU/hr		8760 hr/yr (All Year)
EQT046	Cryo 2 LM 2500 Turbine		26500 brake hp	26500 brake hp		8760 hr/yr (All Year)
FUG001	57 Fugitive Emissions					8760 hr/yr (All Year)
FUG002	95 Fugitive Emissions (VSP)					8760 hr/yr (All Year)
FUG003	101 Fugitive Emissions (VCP)					8760 hr/yr (All Year)

INVENTORIES

AI ID: 17897 - Targa Midstream Services Limited Partnership - Venice Gas Processing Plant
 Activity Number: PER20060007
 Permit Number: 2240-00015-V2
 Air - Title V Regular Permit Major Mod

Subject Item Groups:

ID	Description	Included Components (from Above)
GRP003	Entire Facility	EQT37 91 Condensate Fixed Roof Tank (VSP)
GRP003	Entire Facility	EQT41 100 GE Frame 5 Turbine (VCP)
GRP003	Entire Facility	EQT42 103 Steam Boiler B-1100-K
GRP003	Entire Facility	EQT43 Diesel Storage Tank
GRP003	Entire Facility	EQT44 Diesel-fired Emergency Generator
GRP003	Entire Facility	EQT45 Natural Gas-fired Boiler
GRP003	Entire Facility	EQT46 Cryo 2 LM 2500 Turbine
GRP003	Entire Facility	FUG1 57 Fugitive Emissions
GRP003	Entire Facility	FUG2 95 Fugitive Emissions (VSP)
GRP003	Entire Facility	FUG3 101 Fugitive Emissions (VCP)
GRP003	Entire Facility	EQT4 14 Steam Boiler B-1100-A
GRP003	Entire Facility	EQT8 20 Steam Boiler B-1100-G
GRP003	Entire Facility	EQT9 21 Process Flare
GRP003	Entire Facility	EQT14 28 Open Roof Wastewater Tank S-304B
GRP003	Entire Facility	EQT15 33 Condensate/Lean Oil Tank S-313
GRP003	Entire Facility	EQT16 43 Gasoline Storage Tank
GRP003	Entire Facility	EQT17 44 Lean Oil Tank (Fixed Roof)
GRP003	Entire Facility	EQT18 45 Methanol Tank No. 1 (Horizontal)
GRP003	Entire Facility	EQT19 46 Methanol Tank No. 2 (Horizontal)
GRP003	Entire Facility	EQT20 48 Plant Firewater Pump
GRP003	Entire Facility	EQT21 50 Joy Air Compressor (Portable)
GRP003	Entire Facility	EQT22 51 Sullair Compressor
GRP003	Entire Facility	EQT23 53 Emergency Generator No. 2
GRP003	Entire Facility	EQT24 54 Sullair Diesel Air Compressor
GRP003	Entire Facility	EQT25 55 TEG Dehydrator Vent (Out of Service)
GRP003	Entire Facility	EQT28 56 API Sump
GRP003	Entire Facility	EQT29 58 Centaur, T-5700 Turbine
GRP003	Entire Facility	EQT31 80 Solar Saturn Turbine Compressor No. 1 (VSP)
GRP003	Entire Facility	EQT32 81 Solar Saturn Turbine Compressor No. 2 (VSP)
GRP003	Entire Facility	EQT33 82 Solar Saturn Turbine Compressor No. 3 (VSP)
GRP003	Entire Facility	EQT34 84 Reciprocating Air Compressor
GRP003	Entire Facility	EQT35 85 Generator
GRP003	Entire Facility	EQT36 90 Condensate/Produced Water Fixed Roof Tank (VSP)

Relationships:

INVENTORIES

AI ID: 17897 - Targa Midstream Services Limited Partnership - Venice Gas Processing Plant

Activity Number: PER20060007

Permit Number: 2240-00015-V2

Air - Title V Regular Permit Major Mod

Stack Information:

ID	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
EQT004	81	52015	3.7		37	650
EQT008	81	52015	3.7		37	650
EQT009						
EQT014	65.6	500	2		112	1832
EQT015						
EQT016						
EQT017						
EQT018						
EQT019						
EQT020						
EQT021	130	668	.33		15.5	300
EQT022	101	137	.17		8	650
EQT023	202	275	.17		6	650
EQT024	202	275	.17		7	650
EQT025	372	1783	.33		6	970
EQT028			.25		30	90
EQT029						
EQT031	65	48800	4		47.8	949
EQT032	32	24044	4		35	800
EQT033	32	24044	4		35	800
EQT034	32	24044	4		35	800
EQT035	183	380	.21		16	650
EQT036	281	224	.13		13	650
EQT037						
EQT041	22.9	142928	11.5		31	936
EQT042	81	52015	3.7		37	650
EQT043						
EQT044	318	14995	.79			952
EQT045						
EQT046	80	300840		63	65	940

Fee Information:

Subj Item Id	Multiplier	Units Of Measure	Fee Desc
GRP003	1	Units	0050 - Natural Gas Liquids Per Unit
			0043 - Crude Oil and Natural Gas Production (Greater than 500 T/Yr Souce)

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 17897 - Targa Midstream Services Limited Partnership - Venice Gas Processing Plant
 Activity Number: PER20060007
 Permit Number: 2240-00015-V2
 Air - Title V Regular Permit Major Mod

All phases

Subject Item	PM ₁₀			SO ₂			NOx			CO			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 004 14	0.82	1.24	3.60	0.06	0.10	0.28	16.10	19.32	70.52	22.00	26.40	96.36	0.60	0.90	2.60
EQT 008 20	0.82	1.24	3.60	0.06	0.10	0.28	16.10	19.32	70.52	22.00	26.40	96.36	0.60	0.90	2.60
EQT 009 21	< 0.01	< 0.01	0.02	< 0.01	< 0.01	< 0.01	0.06	0.08	0.25	0.31	0.45	1.35	0.12	0.17	0.51
EQT 014 28													0.514	0.514	2.25
EQT 015 33													2.74	2.74	11.99
EQT 016 43													0.18	0.18	0.81
EQT 017 44													0.82	0.82	3.60
EQT 018 45													0.03	0.03	0.14
EQT 019 46													0.03	0.03	0.12
EQT 020 48	0.03	0.03	< 0.01	< 0.01	< 0.01	< 0.01	2.90	2.90	0.04	4.87	4.87	0.06	0.04	0.04	< 0.01
EQT 021 50	0.45	0.45	0.09	0.42	0.42	0.09	6.36	6.36	1.32	1.37	1.37	0.29	0.51	0.51	0.11
EQT 022 51	0.17	0.17	0.13	0.16	0.16	0.13	2.42	2.42	1.89	0.52	0.52	0.41	0.19	0.19	0.15
EQT 023 53	0.27	0.27	0.01	0.25	0.25	0.01	3.84	3.84	0.15	0.83	0.83	0.03	0.31	0.31	0.01
EQT 024 54	0.66	0.66	0.17	0.62	0.62	0.15	9.30	9.30	2.33	2.04	2.04	0.51	0.75	0.75	0.19
EQT 028 56													0.05	0.05	0.23
EQT 029 58	0.29	0.29	1.29	0.15	0.15	0.66	21.80	21.80	95.48	4.95	4.95	21.70	0.09	0.09	0.41
EQT 031 80	0.05	0.06	0.23	0.03	0.03	0.12	2.56	3.07	11.21	0.66	0.79	2.87	0.02	0.02	0.07
EQT 032 81	0.05	0.06	0.23	0.03	0.03	0.12	2.56	3.07	11.21	0.66	0.79	2.87	0.02	0.02	0.07

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 17897 - Targa Midstream Services Limited Partnership - Venice Gas Processing Plant

Activity Number: PER20060007

Permit Number: 2240-00015-V2

Air - Title V Regular Permit Major Mod

All phases

Subject Item	PM ₁₀			SO ₂			NOx			CO			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 033 82	0.05	0.06	0.23	0.03	0.03	0.03	0.12	2.56	3.07	11.21	0.66	0.79	2.87	0.02	0.02
EQT 034 84	0.01	0.02	0.06	< 0.01	< 0.01	< 0.01	0.01	1.64	1.96	7.16	2.75	3.30	12.06	0.02	0.03
EQT 035 85	0.02	0.02	0.01	< 0.01	< 0.01	< 0.01	0.01	1.40	1.67	0.35	0.17	0.20	0.04	0.05	0.06
EQT 036 90														0.59	0.59
EQT 037 91														13.28	13.28
EQT 041 100	1.49	1.49	6.50	0.77	0.77	3.35	42.89	42.89	42.89	187.87	6.23	6.23	27.29	1.18	1.18
EQT 042 103	1.37	1.37	5.99	0.11	0.11	0.47	6.53	6.53	6.53	28.62	13.30	13.30	58.26	0.99	0.99
EQT 043 EQT 043														< 0.01	0.65
EQT 044 EQT 044	1.76	2.03	0.44	8.15	9.37	2.04	60.43	69.50	15.11	15.11	13.85	15.93	3.46	1.78	2.04
EQT 045 EQT 045	0.30	0.34	1.31	0.02	0.03	0.10	4.00	4.60	17.52	14.43	3.29	3.79	14.43	0.22	0.25
EQT 046 EQT 046	1.38	1.57	6.05	0.71	0.81	3.12	30.41	34.44	133.19	50.88	50.88	96.88	222.83	0.44	0.50
FUG 001 57														10.12	10.12
FUG 002 95														3.29	3.29
FUG 003 101														1.07	1.07

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Phase Totals:

PM10: 29.96 tons/yr

SO2: 11.04 tons/yr

NOx: 665.95 tons/yr

CO: 564.05 tons/yr

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 17897 - Targa Midstream Services Limited Partnership - Venice Gas Processing Plant

Activity Number: PER20060007

Permit Number: 2240-00015-V2

Air - Title V Regular Permit Major Mod

All phases

VOC: 159.30 tons/yr

Emission rates Notes:

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 17897 - Targa Midstream Services Limited Partnership - Venice Gas Processing Plant
Activity Number: PER20060007
Permit Number: 2240-00015-V2
Air - Title V Regular Permit Major Mod

All phases

Subject Item	Benzene			Ethyl benzene			Formaldehyde			Methanol			Toluene		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 014 28	0.002	0.002	0.007	< 0.001	< 0.001	0.002							0.002	0.002	0.007
EQT 015 33	0.002	0.002	0.008	0.001	0.001	0.002							0.002	0.002	0.008
EQT 016 43															
EQT 017 44	0.001	0.001	0.004	< 0.001	< 0.001	0.001							0.001	0.001	0.004
EQT 018 45										0.032	0.032	0.140			
EQT 019 46										0.028	0.028	0.121			
EQT 028 56	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001
EQT 036 90	0.009	0.009	0.039	0.001	0.001	0.002							0.005	0.005	0.023
EQT 037 91	0.045	0.045	0.198	0.003	0.003	0.012							0.026	0.026	0.116
EQT 041 100							0.710	0.710	3.110						
EQT 046 EQT 046							0.15	0.17	0.65						
FUG 001 57	0.028	0.028	0.110	< 0.001	< 0.001	0.001							0.004	0.004	0.018
FUG 002 95	0.024	0.024	0.105	< 0.001	< 0.001	< 0.001							0.006	0.006	0.025
FUG 003 101	0.003	0.003	0.015	< 0.001	< 0.001	< 0.001							0.001	0.001	0.002

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 17897 - Targa Midstream Services Limited Partnership - Venice Gas Processing Plant
 Activity Number: PER20060007
 Permit Number: 2240-00015-V2
 Air - Title V Regular Permit Major Mod

All phases

Subject Item	Xylene (mixed isomers)			n-Hexane		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 014 28	0.001	0.001	0.005	0.082	0.082	0.358
EQT 015 33	0.001	0.001	0.006	0.098	0.098	0.427
EQT 016 43				0.041	0.041	0.178
EQT 017 44	0.001	0.001	0.002	0.042	0.042	0.184
EQT 018 45						
EQT 019 46						
EQT 028 56	< 0.001	< 0.001	< 0.001	0.002	0.002	0.008
EQT 036 90	0.002	0.002	0.010	0.036	0.036	0.158
EQT 037 91	0.011	0.011	0.049	0.182	0.182	0.798
EQT 041 100						
EQT 046 EQT 046						
FUG 001 57	< 0.001	< 0.001	0.001	1.380	1.380	5.439
FUG 002 95	< 0.001	< 0.001	< 0.001	0.098	0.098	0.429
FUG 003 101				0.028	0.028	0.122

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Parameter Totals:

Benzene: 0.487 tons/yr
 Ethyl benzene: 0.023 tons/yr
 Formaldehyde: 3.761 tons/yr
 Methanol: 0.261 tons/yr

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 17897 - Targa Midstream Services Limited Partnership - Venice Gas Processing Plant

Activity Number: PER20060007

Permit Number: 2240-00015-V2

Air - Title V Regular Permit Major Mod

All phases

n-Hexane: 8.101 tons/yr

Toluene: 0.204 tons/yr

Xylene (mixed isomers): 0.075 tons/yr

Emission Rates Notes:

SPECIFIC REQUIREMENTS

AI ID: 17897 - Targa Midstream Services Limited Partnership - Venice Gas Processing Plant

Activity Number: PER20060007

Permit Number: 2240-00015-V2

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EQT004 14 Steam Boiler B-1100-A

- 1 Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified
- 2 Total suspended particulate \leq 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
- 3 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 4 Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing. [LAC 33:III.501.C.6]
- 5 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. [LAC 33:III.501.C.6]
- 6 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources, and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]

EQT008 20 Steam Boiler B-1100-G

- 7 Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified
- 8 Total suspended particulate \leq 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
- 9 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 10 Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing. [LAC 33:III.501.C.6]
- 11 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

AI ID: 17897 - Targa Midstream Services Limited Partnership - Venice Gas Processing Plant

Activity Number: PER20060007

Permit Number: 2240-00015-V2

Air - Title V Regular Permit Major Mod

EQ1008 20 Steam Boiler B-1100-G

- 12 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources, and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]

EQ1009 21 Process Flare

- 13 Opacity \leq 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets. [LAC 33:III.1105]
Which Months: All Year Statistical Basis: None specified
- 14 Submit notification: Due to the Office of Environmental Compliance as soon as possible after the start of burning of pressure valve releases for control over process upsets. Notify in accordance with LAC 33:1.3923. Notification is required only if the upset cannot be controlled in six hours. [LAC 33:III.1105]
- 15 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 16 Design and operate for no visible emissions, as determined by the methods specified in 40 CFR 60.18(f), except for periods not to exceed a total of 5 minutes during any two consecutive hours. Subpart A. [40 CFR 60.18(c)(1)]
- 17 Operate with a flame present at all times, as determined by the methods specified in 40 CFR 60.18(f)(2). Subpart A. [40 CFR 60.18(c)(2)]
- 18 Heat content \geq 300 BTU/scf (11.2 MJ/scm). Determine the net heating value of the gas being combusted by the methods specified in 40 CFR 60.18(f)(3). Subpart A. [40 CFR 60.18(c)(3)(ii)]
Which Months: All Year Statistical Basis: None specified
- 19 Exit Velocity \geq 60 and $<$ 400 ft/sec (18.3 m/sec and 122 m/sec), as determined by the method specified in 40 CFR 60.18(f)(4). Subpart A. [40 CFR 60.18(c)(4)(ii)]
Which Months: All Year Statistical Basis: None specified
- 20 Monitor flares to ensure that they are operated and maintained in conformance with their designs. Applicable subparts will provide provisions stating how to monitor flares. Subpart A. [40 CFR 60.18(d)]
- 21 Operate at all times when emissions may be vented to the flare. Subpart A. [40 CFR 60.18(e)]
- 22 Presence of a flame monitored by flame monitor continuously. Use a thermocouple or any other equivalent device to detect the presence of a flare pilot flame. Subpart A. [40 CFR 60.18(f)(2)]
Which Months: All Year Statistical Basis: None specified

EQ1015 33 Condensate/Lean Oil Tank S-313

- 23 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 24 Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric. [LAC 33:III.2103.D.2.a]
- 25 Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall. [LAC 33:III.2103.D.2.b]
- 26 Seal gap area \leq 1 in²/ft of tank diameter (6.5 cm²/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.c]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 17897 - Targa Midstream Services Limited Partnership - Venice Gas Processing Plant

Activity Number: PER20060007

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EQT015 33 Condensate/Lean Oil Tank S-313

- 27 Seal gap area \leq 10 in²/ft of tank diameter (65 cm²/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.d]
Which Months: All Year Statistical Basis: None specified
- 28 Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. [LAC 33:III.2103.D.2.e]
Which Months: All Year Statistical Basis: None specified
- 29 Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
Which Months: All Year Statistical Basis: None specified
- 30 Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
Which Months: All Year Statistical Basis: None specified
- 31 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2. [LAC 33:III.2103.D.2.e]
- 32 Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts. [LAC 33:III.2103.D.2.e]
- 33 Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening. [LAC 33:III.2103.D.3]
- 34 Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall. [LAC 33:III.2103.D]
- 35 Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1. [LAC 33:III.2103.H.1]
- 36 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

EQT016 43 Gasoline Storage Tank

- 37 Equip with a submerged fill pipe. [LAC 33:III.2103.A]
- 38 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

EQT018 45 Methanol Tank No. 1 (Horizontal)

- 39 Equip with a submerged fill pipe. [LAC 33:III.2103.A]
- 40 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

EQT019 46 Methanol Tank No. 2 (Horizontal)

- 41 Equip with a submerged fill pipe. [LAC 33:III.2103.A]

SPECIFIC REQUIREMENTS

AI ID: 17897 - Targa Midstream Services Limited Partnership - Venice Gas Processing Plant

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EQT019 **46 Methanol Tank No. 2 (Horizontal)**

42 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

EQT020 **48 Plant Firewater Pump**

43 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

44 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT021 **50 Joy Air Compressor (Portable)**

45 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

46 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT022 **51 Sullair Compressor**

47 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

48 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT023 **53 Emergency Generator No. 2**

49 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

50 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT024 **54 Sullair Diesel Air Compressor**

SPECIFIC REQUIREMENTS

AI ID: 17897 - Targa Midstream Services Limited Partnership - Venice Gas Processing Plant

Activity Number: PER20060007

Permit Number: 2240-00015-V2

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EQT024 54 Sullair Diesel Air Compressor

51 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

52 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT025 55 TEG Dehydrator Vent (Out of Service)

53 Permittee shall not operate the TEG dehydration unit. Permittee must submit a request for permit modification in order to authorize the operation of the TEG dehydration unit and to remove it from out of service status. [LAC 33:III.501.C.6]

EQT029 58 Centaur, T-5700 Turbine

54 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

55 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

56 Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing. [LAC 33:III.501.C.6]

57 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. [LAC 33:III.501.C.6]

58 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]

59 Nitrogen oxides \leq 0.02 % by volume at 15% oxygen and on a dry basis in gases discharged to the atmosphere. Use analytical methods and procedures that are accurate to within 5 percent and are approved by DEQ to determine the nitrogen content of the fuel being fired per 40 CFR 60.335(a). Subpart GG. [40 CFR 60.332(a)(2)]

Which Months: All Year Statistical Basis: None specified

60 Fuel sulfur content \leq 0.8 % by weight (8000 ppmw) for any fuel burned. Subpart GG. [40 CFR 60.333(b)]

Which Months: All Year Statistical Basis: None specified

61 Fuel sulfur content monitored by the regulation's specified method(s) at the regulation's specified frequency, except as specified in 40 CFR 60.334(h)(3). Monitor the total sulfur content of the fuel being fired in the turbine using total sulfur methods described in 40 CFR 60.335(b)(10). Subpart GG. [40 CFR 60.334(h)(1)]

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

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EQT029 58 Centaur, T-5700 Turbine

62 Fuel nitrogen content monitored by the regulation's specified method(s) at the regulation's specified frequency. Monitor the nitrogen content of the fuel combusted in the turbine, if claiming an allowance for fuel bound nitrogen. Determine the nitrogen content of the fuel using methods described in 40 CFR 60.335(b)(9) or an approved alternative. Subpart GG. [40 CFR 60.334(h)(2)]

Which Months: All Year Statistical Basis: None specified

63 Submit quarterly excess emissions report: Due by the 30th day following the end of each calendar quarter. Report periods during which an exemption provided in 40 CFR 60.332(f) is in effect. Report the date and time the air pollution control system was deactivated, and the date and time the air pollution control system was reactivated. Subpart GG. [40 CFR 60.334(j)(3)]

64 Submit excess emissions reports and monitor downtime in accordance with 40 CFR 60.7(c). Report excess emissions for all periods of unit operation, including startup, shutdown and malfunction. Subpart GG. [40 CFR 60.334(j)]

65 Determine compliance using the test methods and procedures specified in 40 CFR 60.335(a) through (c). Subpart GG. [40 CFR 60.335]

EQT031 80 Solar Saturn Turbine Compressor No. 1 (VSP)

66 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

67 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT032 81 Solar Saturn Turbine Compressor No. 2 (VSP)

68 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

69 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT033 82 Solar Saturn Turbine Compressor No. 3 (VSP)

70 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

71 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT034 84 Reciprocating Air Compressor

SPECIFIC REQUIREMENTS

AI ID: 17897 - Targa Midstream Services Limited Partnership - Venice Gas Processing Plant

Activity Number: PER20060007

Permit Number: 2240-00015-V2

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EQT034 84 Reciprocating Air Compressor

- 72 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 73 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT035 85 Generator

- 74 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 75 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT041 100 GE Frame 5 Turbine (VCP)

- 76 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 77 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 78 Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing. [LAC 33:III.501.C.6]
- 79 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. [LAC 33:III.501.C.6]
- 80 Permittee shall install, maintain, and operate a steam/fuel ratio system to control Nitrogen Oxides concentration in the stack gas to 42 ppmv or less at 15% oxygen (dry basis). The steam/fuel ratio shall be maintained in the range determined by the required stack test to ensure that the Nitrogen Oxides limit set by the permit is not exceeded. The steam/fuel rate shall be recorded continuously. [LAC 33:III.509]
- 81 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 20 - Determination of Nitrogen Oxides, Sulfur Dioxide, and Diluent Emissions from Stationary Gas Turbines, and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.509, LAC 33:III.501.C.6]

EQT042 103 Steam Boiler B-1100-K

SPECIFIC REQUIREMENTS

AI ID: 17897 - Targa Midstream Services Limited Partnership - Venice Gas Processing Plant

Activity Number: PER20060007

Permit Number: 2240-00015-V2

Air - Title V Regular Permit Major Mod

EQT042 103 Steam Boiler B-1100-K

- 82 Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified
- 83 Total suspended particulate \leq 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
- 84 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 85 Nitrogen oxides \leq 0.20 lb/MMBTU (86 ng/J) heat input (expressed as NO₂). The nitrogen oxide standards apply at all times, including periods of startup, shutdown, or malfunction. Subpart Db. [40 CFR 60.44b(a)(1)]
Which Months: All Year Statistical Basis: Thirty-day rolling average
- 86 Conduct performance testing to demonstrate compliance with the nitrogen oxides emission standards in 40 CFR 60.44b by following 40 CFR 60.46b(e) or (f), or following 40 CFR 60.46b(g) and (h), as applicable. Subpart Db. [40 CFR 60.46b(c)]
- 87 Nitrogen oxides monitored by CMS continuously. Calculate nitrogen oxides emission rates as specified in 40 CFR 60.48b(d). Subpart Db. [40 CFR 60.48b(b)(1)]
Which Months: All Year Statistical Basis: One-hour average
- 88 Nitrogen oxides recordkeeping by CMS continuously. Subpart Db. [40 CFR 60.48b(b)(1)]
- 89 Operate NOx continuous monitoring systems and record data during all periods of operation of the affected facility except for continuous monitoring system breakdowns and repairs. Record data during calibration checks, and zero and span adjustments. Subpart Db. [40 CFR 60.48b(c)]
- 90 Follow the procedures under 40 CFR 60.13 and 40 CFR 60.48b(e)(1) through (e)(3) for installation, evaluation, and operation of the NOx and opacity continuous monitoring systems. Subpart Db. [40 CFR 60.48b(e)]
- 91 When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks and zero and span adjustments, obtain emission data by using standby monitoring systems, 40 CFR 60, Appendix A, Method 7, Method 7a, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days. Subpart Db. [40 CFR 60.48b(f)]
- 92 Submit notification: Due as provided by 40 CFR 60.7. Submit a notification of the actual date of initial startup including design heat input capacity of the affected facility, identification of fuels to be combusted, copy of any federally enforceable requirement limiting annual capacity factor, and all other data as specified in 40 CFR 60.49b(a)(1) through (a)(4). Subpart Db. [40 CFR 60.49b(a)]
- 93 Submit the performance test data from the initial performance test and the performance evaluation of the CEMS using the applicable performance specifications in 40 CFR 60 Appendix B to DEQ. Subpart Db. [40 CFR 60.49b(b)]
- 94 Fuel rate recordkeeping by electronic or hard copy daily. Record the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for the reporting period. Determine the annual capacity factor on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month. Subpart Db. [40 CFR 60.49b(d)]
- 95 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of the information listed in 40 CFR 60.49b(g)(1) through (g)(10) for each steam generating unit operating day, except as provided under 40 CFR 60.49b(p). Subpart Db. [40 CFR 60.49b(g)]
- 96 Submit reports containing the nitrogen dioxide emission rate information recorded under 40 CFR 60.49b(g). Subpart Db. [40 CFR 60.49b(i)]
- 97 Maintain all records required under 40 CFR 60.49b for a period of 2 years following the date of such record. Subpart Db. [40 CFR 60.49b(o)]

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Air - Title V Regular Permit Major Mod

EQ1044 Diesel-fired Emergency Generator

98 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

99 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQ1045 Natural Gas-fired Boiler

100 Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

101 Total suspended particulate \leq 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

Which Months: All Year Statistical Basis: None specified

102 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

103 Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]

104 Fuel rate recordkeeping by electronic or hard copy daily. Keep records of the amount of each fuel combusted during each day. If only very low sulfur fuel oil or other liquid or gaseous fuels with potential sulfur dioxide emissions rate of 0.32 lb/MMBtu (140 ng/l) heat input or less is burnt, keep records of the fuels combusted during each calendar month. Subpart Dc. [40 CFR 60.48c(g)]

105 Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]

EQ1046 Cryo 2 LM 2500 Turbine

106 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

107 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

108 Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing. [LAC 33:III.501.C.6]

109 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. [LAC 33:III.501.C.6]

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Activity Number: PER20060007

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Air - Title V Regular Permit Major Mod

EQT046 Cryo 2 LM 2500 Turbine

- 110 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]
- 111 Nitrogen oxides \leq 25 ppm @ 15%O₂. Subpart KKKK. [40 CFR 60.4320(a)]
Which Months: All Year Statistical Basis: Hourly average
- 112 Operate and maintain the stationary combustion turbine, air pollution control equipment, and monitoring equipment in a manner consistent with good air pollution control practices for minimizing emissions at all times including during startup, shutdown, and malfunction. Subpart KKKK. [40 CFR 60.4333(a)]
- 113 Fuel monitored by CMS continuously. Monitor fuel consumption. Subpart KKKK. [40 CFR 60.4335(a)]
Which Months: All Year Statistical Basis: Hourly average
- 114 Fuel recordkeeping by electronic or hard copy continuously. Record fuel consumption. Subpart KKKK. [40 CFR 60.4335(a)]
- 115 Ratio monitored by CMS continuously. Monitor ratio of water or steam to fuel being fired in the turbine when burning a fuel that requires water or steam injection for compliance. Subpart KKKK. [40 CFR 60.4335(a)]
Which Months: All Year Statistical Basis: Hourly average
- 116 Ratio recordkeeping by electronic or hard copy continuously. Record ratio of water or steam to fuel being fired in the turbine when burning a fuel that requires water or steam injection for compliance. Subpart KKKK. [40 CFR 60.4335(a)]
- 117 Monitor the steam or water to fuel ratio or other parameters that are continuously monitored as described in 40 CFR 60.4335 during the performance test required under 40 CFR 60.8, to establish acceptable values and ranges. Develop and keep on-site a parameter monitoring plan which explains the procedures used to document proper operation of the NOx emission controls. Include in the plan the information specified in 40 CFR 60.4355(a)(1) through (a)(6). Subpart KKKK. [40 CFR 60.4355(a)]
- 118 Sulfur dioxide \leq .060 lb/MMBTU (26 ng/J). Use one of the sources of information specified in 40 CFR 60.4365(a) and (b) to make the required demonstration. Subpart KKKK. [40 CFR 60.4365]
- 119 Submit excess emissions reports and monitor downtime, in accordance with 40 CFR 60.7(c). Report excess emissions for all periods of unit operation, including start-up, shutdown, and malfunction. Subpart KKKK. [40 CFR 60.4375(a)]
- 120 Postmark the excess emissions report required under 40 CFR 60.7(c) by the 30th day following the end of each 6-month period. Subpart KKKK. [40 CFR 60.4395]
- 121 Conduct an initial performance test for NOx, as required in 40 CFR 60.8, and annually thereafter.
Use one of methodologies specified in 40 CFR 60.4400(a)(i) and (a)(1)(ii). Subpart KKKK. [40 CFR 60.4400]
- 122 Conduct performance tests for sulfur initially as required in 40 CFR 60.8 and annually thereafter. Use one of the methodologies specified in 40 CFR 60.4415(a)(1) through (a)(3). Subpart KKKK. [40 CFR 60.4415]

FUG001 57 Fugitive Emissions

- 123 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]
- 124 Comply with LAC 33:III.2121 by implementing the Louisiana Consolidated Fugitive Emission Program Guidelines. Compliance is achieved through compliance with 40 CFR 60 Subpart KKK. [LAC 33:III.2121]

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Activity Number: PER20060007

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FUG001 57 Fugitive Emissions

- 125 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Fugitive emissions shall be controlled by complying with 40 CFR 60 Subpart KKK. [LAC 33:III.5109.A, LAC 33:III.905]
- 126 Comply with the requirements specified in 40 CFR 60.482-1(a), (b), and (d) and 40 CFR 60.482-2 through 60.482-10, except as provided in 40 CFR 60.633, as soon as practicable, but no later than 180 days after initial startup. Subpart KKK. [40 CFR 60.632(a)]
- 127 Comply with the provisions of 40 CFR 60.485 except as provided in 40 CFR 60.632(f) and 60.633(h). Subpart KKK. [40 CFR 60.632(d)]
- 128 Comply with the provisions of 40 CFR 60.486 and 60.487 except as provided in 40 CFR 60.633, 60.635, and 60.636. Subpart KKK. [40 CFR 60.632(e)]
- 129 Demonstrate that a piece of equipment is not in VOC service or in wet gas service by using the specified methods. Subpart KKK. [40 CFR 60.632(f)]
- 130 Compressors: Equipment/operational data recordkeeping by logbook continuously. Record and keep information and data used to demonstrate that a reciprocating compressor is in wet gas service in a readily accessible location for use in determining exemptions as provided in 40 CFR 60.633(f). Subpart KKK. [40 CFR 60.635(c)]

FUG002 95 Fugitive Emissions (VSP)

- 131 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]
- 132 Repair according to LAC 33:III.2121.B.3 any regulated component observed leaking by sight, sound, or smell, regardless of the leak's concentration. [LAC 33:III.2121.B.1]
- 133 Do not locate any valve, except safety pressure relief valves, valves on sample lines, valves on drain lines and valves that can be removed and replaced without a shutdown, at the end of a pipe or line containing VOC unless the end of such line is sealed with a second valve, a blind flange, a plug, or a cap. Remove such sealing devices only when the line is in use, for example, when a sample is being taken. When the line has been used and is subsequently resealed, close the upstream valve first, followed by the sealing device. [LAC 33:III.2121.B.2]
- 134 Make every reasonable effort to repair a leaking component, as described in LAC 33:III.2121.B, within 15 days, except as provided. [LAC 33:III.2121.B.3]
- 135 Pumps and compressors: Seal or closure mechanism monitored by visual inspection/determination weekly (52 times per year). [LAC 33:III.2121.C.2.a]
Which Months: All Year Statistical Basis: None specified
- 136 Pumps, pump and compressor seals: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 quarterly (four times per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. Permittee may elect to comply with the alternate standards for valves in LAC 33:III.2121.D (skip period provisions). [LAC 33:III.2121.C.2.b.i]
Which Months: All Year Statistical Basis: None specified
- 137 Valves: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 quarterly (four times per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. Permittee may elect to comply with the alternate standards for valves in LAC 33:III.2121.D (skip period provisions). [LAC 33:III.2121.C.2.b.ii]
Which Months: All Year Statistical Basis: None specified
- 138 Pressure relief valves in gas service: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 quarterly (four times per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. [LAC 33:III.2121.C.2.b.iii]
Which Months: All Year Statistical Basis: None specified
- 139 Pressure relief valves: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 within 24 hours after venting to the atmosphere. If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. [LAC 33:III.2121.C.3.a]
Which Months: All Year Statistical Basis: None specified
- 140 Pressure relief valves: Presence of a leak monitored by visual inspection/determination immediately after venting to the atmosphere. [LAC 33:III.2121.C.3.a]
Which Months: All Year Statistical Basis: None specified

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FUG002 95 Fugitive Emissions (VSP)

- 141 All components: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 upon each occurrence of a leak detected by sight, smell, or sound, unless electing to implement actions as specified in LAC 33:III.2121.B.3. [LAC 33:III.2121.C.3.b]
Which Months: All Year Statistical Basis: None specified
- 142 Inaccessible valves: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually (at a minimum). [LAC 33:III.2121.C.4.c]
Which Months: All Year Statistical Basis: None specified
- 143 Unsafe-to-monitor valves: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 upon each occurrence of conditions allowing these valves to be monitored safely. [LAC 33:III.2121.C.4.c]
Which Months: All Year Statistical Basis: None specified
- 144 When a leak that cannot be repaired on-line and in-place is located, affix to the leaking component a weatherproof and readily visible tag bearing an identification number and the date the leak is located. Date and remove the tag after the leak is repaired. [LAC 33:III.2121.E.1]
- 145 Equipment/operational data recordkeeping by survey log upon each occurrence of a leak. Include the leaking component information specified in LAC 33:III.2121.E.2. Retain the survey log for two years after the latter date specified in LAC 33:III.2121.E.2 and make said log available to DEQ upon request. [LAC 33:III.2121.E]
- 146 Submit report: Due semiannually, by the 31st of January and July, to the Office of Environmental Assessment, Environmental Technology Division. Include the information specified in LAC 33:III.2121.F.1 through 4 for each calendar quarter during the reporting period. [LAC 33:III.2121.F]
- 147 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Fugitive emissions shall be controlled by complying with LAC 33:III.2121. [LAC 33:III.5109.A, LAC 33:III.905]

FUG003 101 Fugitive Emissions (VCP)

- 148 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]
- 149 Comply with LAC 33:III.2121 by implementing the Louisiana Consolidated Fugitive Emission Program Guidelines. Compliance is achieved through compliance with 40 CFR 60 Subpart KKK. [LAC 33:III.2121]
- 150 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Fugitive emissions shall be controlled by complying with 40 CFR 60 Subpart KKK. [LAC 33:III.5109.A]
- 151 Comply with the requirements specified in 40 CFR 60.482-1(a), (b), and (d) and 40 CFR 60.482-2 through 60.482-10, except as provided in 40 CFR 60.633, as soon as practicable, but no later than 180 days after initial startup. Subpart KKK. [40 CFR 60.632(a)]
- 152 Comply with the provisions of 40 CFR 60.485 except as provided in 40 CFR 60.632(f) and 60.633(h). Subpart KKK. [40 CFR 60.632(d)]
- 153 Comply with the provisions of 40 CFR 60.486 and 60.487 except as provided in 40 CFR 60.633, 60.635, and 60.636. Subpart KKK. [40 CFR 60.632(e)]
- 154 Demonstrate that a piece of equipment is not in VOC service or in wet gas service by using the specified methods. Subpart KKK. [40 CFR 60.632(f)]
- 155 Compressors: Equipment/operational data recordkeeping by logbook continuously. Record and keep information and data used to demonstrate that a reciprocating compressor is in wet gas service in a readily accessible location for use in determining exemptions as provided in 40 CFR 60.633(f). Subpart KKK. [40 CFR 60.635(c)]

GRP003 Entire Facility

- 156 Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1103]
- 157 Outdoor burning of waste material or other combustible material is prohibited. [LAC 33:III.1109.B]
- 158 Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1303.B]

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- 159 Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5. [LAC 33:III.2113.A]
- 160 Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance. [LAC 33:III.219]
- 161 Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited. [LAC 33:III.2901.D]
- 162 If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G. [LAC 33:III.2901.F]
- 163 Methanol \leq 0.261 tons/yr. [LAC 33:III.501.C.6]
- 164 Benzene \leq 0.487 tons/yr. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Annual maximum
- 165 Carbon monoxide \leq 564.05 tons/yr. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Annual maximum
- 166 Ethyl benzene \leq 0.023 tons/yr. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Annual maximum
- 167 Formaldehyde \leq 3.761 tons/yr. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Annual maximum
- 168 n-Hexane \leq 8.101 tons/yr. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Annual maximum
- 169 Nitrogen oxides \leq 665.95 tons/yr. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Annual maximum
- 170 Particulate matter (10 microns or less) \leq 29.96 tons/yr. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Annual maximum
- 171 Sulfur dioxide \leq 11.04 tons/yr. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Annual maximum
- 172 Toluene \leq 0.204 tons/yr. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Annual maximum
- 173 VOC, Total \leq 159.30 tons/yr. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Annual maximum
- 174 Xylene (mixed isomers) \leq 0.075 tons/yr. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Annual maximum
- 175 Permittee shall comply with all the requirements of LAC 33:III.5105.A, 5107.A, B, & C, 5111.A.4, and 5113. [LAC 33:III.5101.A]
- 176 Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III.Chapter 51.Subchapter A without first obtaining written authorization from DEQ in accordance with LAC 33:III.Chapter 51.Subchapter A, after the effective date of the standard. [LAC 33:III.5105.A.1]
- 177 Do not cause a violation of any ambient air standard listed in LAC 33:III.Table 51.2, unless operating in accordance with LAC 33:III.5109. [LAC 33:III.5105.A.2]
- 178 Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard. [LAC 33:III.5105.A.3]

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- 179 Do not fail to keep records, notify, report or revise reports as required under LAC 33:III.5105.A.4] [LAC 33:III.5105.A.4]
- 180 Submit Annual Emissions Report (TEDD): Due annually, by the 1st of July, to the Office of Environmental Assessment, Environmental Evaluation Division in a form specified by the department. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3. [LAC 33:III.5107.A.2]
- 181 Include a certification statement with initial and subsequent annual emission reports and revisions to any emission report to attest that the information contained in the emission report is true, accurate, and complete, and signed by a responsible official, as defined in LAC 33:III.502. Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official. The certification statement shall read: "I certify, under penalty of perjury, that the emissions data provided is accurate to the best of my knowledge, information, and belief, and I understand that submitting false or misleading information will expose me to prosecution under state regulations" [LAC 33:III.5107.A.3]
- 182 Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6595 immediately, but no later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere which results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property). [LAC 33:III.5107.B.1]
- 183 Submit notification: Due to the Office of Environmental Compliance, except as provided in LAC 33:III.5107.B.6, no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in LAC 33:III.Chapter 51.Table 51.1 or a reportable quantity (RQ) in LAC 33:I.3931, or the quantity of the unauthorized bypass is greater than one pound and there is no MER or RQ for the substance in question. Submit notification in the manner provided in LAC 33:I.3923. [LAC 33:III.5107.B.2]
- 184 Submit notification: Due to the Office of Environmental Compliance immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:I.3931, except as provided in LAC 33:III.5107.B.6. Submit notification in the manner provided in LAC 33:I.3923. [LAC 33:III.5107.B.3]
- 185 Submit written report: Due within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through 3. Submit report to the Office of Environmental Compliance by certified mail. Include the information specified in LAC 33:III.5107.B.4.a.i through viii. [LAC 33:III.5107.B.4]
- 186 Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, in the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge. [LAC 33:III.5107.B.5]
- 187 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]
- 188 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]
- 189 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]
- 190 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]
- 191 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]
- 192 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]
- 193 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

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GRP003 Entire Facility

- 194 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]
- 195 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]
- 196 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]
- 197 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]
- 198 Submit performance evaluation report: Due to the Office of Environmental Assessment, Environmental Technology Division within 60 days of the monitoring system performance evaluation. [LAC 33:III.5113.C.2]
- 199 Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before a performance evaluation of the monitoring system is to begin. [LAC 33:III.5113.C.2]
- 200 Install a monitoring system on each effluent or on the combined effluent, when monitoring is required and the effluents from a single source, or from two or more sources subject to the same emission standards, are combined before being released to the atmosphere. If two or more sources are not subject to the same emission standards, install a separate monitoring system on each effluent, unless otherwise specified. If the applicable standard is a mass emission standard and the effluent from one source is released to the atmosphere through more than one point, install a monitoring system at each emission point unless DEQ approves the installation of fewer systems. [LAC 33:III.5113.C.3]
- 201 Evaluate the performance of continuous monitoring systems, upon request by DEQ, in accordance with the requirements and procedures contained in the applicable performance specification of 40 CFR Part 60, appendix B. [LAC 33:III.5113.C.5.a]
- 202 Submit report: Due to DEQ within 60 days of the performance evaluation of the CMS, if requested. Furnish DEQ with two or more copies of a written report of the test results within 60 days. [LAC 33:III.5113.C.5.a]
- 203 Install all continuous monitoring systems or monitoring devices to make representative measurements under variable process or operating parameters, if required to install a CMS. [LAC 33:III.5113.C.5.d]
- 204 Collect and reduce all data as specified in LAC 33:III.5113.C.5.e.i and ii, if required to install a CMS. [LAC 33:III.5113.C.5.e]
- 205 Submit plan: Due to the Office of Environmental Assessment, Environmental Technology Division within 90 days after DEQ requests either the initial plan or an updated plan, if required by DEQ to install a continuous monitoring system. Submit for approval a plan describing the affected sources and the methods for ensuring compliance with the continuous monitoring system. [LAC 33:III.5113.C.5]
- 206 Maintain records of monitoring data, monitoring system calibration checks, and the occurrence and duration of any period during which the monitoring system is malfunctioning or inoperative. Maintain these records at the source, or at an alternative location approved by DEQ, for a minimum of three years and make available, upon request, for inspection by DEQ. [LAC 33:III.5113.C.7]
- 207 Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority. [LAC 33:III.5611.A]
- 208 During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations. [LAC 33:III.5611.B]
- 209 Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901. [LAC 33:III.5901.A]
- 210 Identify hazards that may result from accidental releases of the substances listed in 40 CFR 68.130, Table 59.0 of LAC 33:III.5907, or Table 59.1 of LAC 33:III.5913 using appropriate hazard assessment techniques, design and maintain a safe facility, and minimize the off-site consequences of accidental releases of such substances that do occur. [LAC 33:III.5907]

SPECIFIC REQUIREMENTS

AI ID: 17897 - Targa Midstream Services Limited Partnership - Venice Gas Processing Plant

Activity Number: PER20060007

Permit Number: 2240-00015-V2

Air - Title V Regular Permit Major Mod

GRP003 **Entire Facility**

- 211 Submit registration: Due January 31, 1998, or within 60 days after the source becomes subject to LAC 33:III. Chapter 59, whichever is later. Include the information listed in LAC 33:III.5911.B, and submit to the Department of Environmental Quality, Office of Environmental Compliance, Surveillance Division. [LAC 33:III.5911.A]
- 212 Submit amended registration: Due to the Department of Environmental Quality, Office of Environmental Compliance, Surveillance Division within 60 days after the information in the submitted registration is no longer accurate. [LAC 33:III.5911.C]
- 213 Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Environmental Evaluation Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D. [LAC 33:III.919.D]
- 214 Comply with the requirements of PSD-LA-612. This permit includes provisions of the Prevention of Significant Deterioration (PSD) review from Permit PSD-LA-612. [40 CFR 52.21]
- 215 All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A. [40 CFR 60]
- 216 Submit Title V permit application for renewal: Due 180 calendar days before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
- 217 Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
- 218 Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [40 CFR 70.6(a)(3)(iii)(B)]
- 219 Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]

Scott Pierce

From: Keiser, Jessica [Jkeiser@targaresources.com]
Sent: Tuesday, March 06, 2007 6:01 PM
To: Scott Pierce; Stacy Carr
Cc: James Davies; Dasheng Chu
Subject: RE: Technical Review of Working Draft Permit Document - AI# 17897; TEMPO Activity # PER20060007
Attachments: EQT044_Generator.pdf; Worksheet Tech Reviewjk.doc

Dear Scott,

Attached please find our comments to the draft permit. Please let me know if you have any questions. We appreciate your expedited work on our permit.

Sincerely,
Jessica Keiser

From: Scott Pierce [mailto:Scott.Pierce@LA.GOV]
Sent: Thursday, March 01, 2007 10:34 AM
To: Keiser, Jessica; Stacy Carr
Cc: James Davies; Dasheng Chu
Subject: Technical Review of Working Draft Permit Document - AI# 17897; TEMPO Activity # PER20060007
Importance: High

Attached for your technical review is the “**working draft**” of the proposed permit, including a proposed statement of basis and the proposed air permit briefing sheet for Targa Midstream Services Limited Partnership - Venice Gas Processing Plant Title V permit modification (Permit No. 2240-00015-V2). Please review and provide your remarks on these documents by March 15, 2007. If a response is not received by the date indicated, remarks may not be addressed in this permitting action. Failure to submit remarks does not preclude submission of comments by any interested party during the public comment period.

Also attached is the Worksheet for Technical Review of the Working Draft of the proposed permit. If you have remarks, please complete the worksheet according to the instructions. Email the worksheet to the permit writer indicated in the worksheet by the date specified. **Please submit the completed Worksheet in an MS Word compatible format.**

Please keep in mind that even though you are allowed the full 10 working days to perform a technical review of this permit modification, a prompt review would allow the expedited procedures to proceed further.

If you have any questions, please contact me.

Scott B. Pierce

Environmental Scientist III

LDEQ - Air Permits Division

P. O. Box 4313

Baton Rouge, LA 70821-4313

3/12/2007

Office: (225) 219-0525

Fax: (225) 219-3309

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<<TPOR0146_17897_20067_03012007.PDF>> <<TPOR0147_17897_20067_03012007.PDF>> <<Worksheet Tech
Review.doc>>

3/12/2007

Worksheet for Technical Review of Working Draft of Proposed Permit

Company Name:	Targa Midstream Services Limited Partnership	AI #:	17897	TEMPO Activity No:	PER20060007
Facility Name:	Venice Gas Processing Plant	Remarks Submitted by:	Jessica Keiser jkeiser@targaresources.com		
Permit Writer:	Scott Pierce	Permit Writer Email address:	Scott Pierce [Scott.Pierce@LA.GOV]		

Instructions

Permit Reference – Indicate specific portion(s) of the permit to which the remark relates (i.e. “Specific Condition 120”, or “Section II Air Permit Briefing Sheet”, etc.).

Remarks – Explain the basis for each remark. Provide regulatory citations where possible. If the remark is made due to an error or omission in the permit application this must be noted and the revised information *must be submitted*. Revised information may be submitted separately from this worksheet. Please be aware that revised information must be submitted in writing and certified by the Responsible Official, and if necessary, by a Professional Engineer licensed in Louisiana. *Please Note:* New or additional equipment, processes or operating conditions not addressed in the original permit application will be addressed on a case-by-case basis. The Department reserves the right to address such changes in a separate permit action.

DEQ Response – DO NOT COMPLETE THIS SECTION. This section will be completed by Air Permits Division of DEQ, included in the proposed permit package and made available for public review during the public comment period.

- Additional rows may be added as necessary.

- Completed Form shall be emailed to the Permit writer in MS Word compatible format within the deadline specified in the email notification.

Permit Reference	Remarks	Air Permits Division Response (for official use only)
Air Permit Briefing Sheet, Page 2, last sentence paragraph 1	Change “Cryo Plant I” to “Cryo Plant II”	Typographical error corrected.
Air Permit Briefing Sheet, Page 2, paragraph 3	Change “2,518 kilowatt diesel-fired generator...” to “1750 kilowatt” (or 2518 hp, if preferred). The generator is 2518 hp or 1750 kW. Attached please find a revised EIQ form. There was a typo in the application. However, the calculations were done correctly.	Typographical error corrected. (Horsepower used)
Air Permit Briefing Sheet, Page 2, paragraph 3	Please remove the sentence “The fractionator and associated equipment will also be shut down as a result of Hurricane Katrina.” While this is likely true, this permit application does not represent all the equipment that will be shut down as part of that final decision. At this time, we would like to represent all the fractionator equipment as still authorized, with the exception of the one TEG Unit.	Typographical error corrected.

<p>Air Permit Briefing Sheet, Page 2, List of Shutdown Equipment</p>	<p>The following changes should be made to the list of equipment shutdown: EQT008 should be EQT0010 – Condensate/Lean Oil Tank S-302A EQT010 should be EQT0011 – Condensate/Lean Oil Tank S-302B So that tanks EQT0010, 11, 12, and 13 are removed.</p>	<p>Typographical error corrected.</p>
<p>X. Table 1. Applicable Louisiana and Federal...page 6</p>	<p>EQT 004 and 008 – please remove the (#1) and (#6) in the Description. Targa did not include these in the permit application so that we can get away from the historical use of these numbers.</p>	<p>Typographical error corrected.</p>
<p>X. Table 1. Applicable Louisiana and Federal...page 6</p>	<p>EQT009 – Targa believes there should be a “1” under Chapter 13 for the flare.</p>	<p>Flares are subject to the opacity and upset requirements as specified in Section 1105 of Chapter 11. Chapter 13 opacity requirements are adequately and more appropriately covered in Section 1105 for flares. Therefore, there are no Chapter 13 requirements associated with the flare.</p>
<p>X. Table 1. Applicable Louisiana and Federal...page 8</p>	<p>EQT041 – Targa believes there should be a “1” under Chapter 5 for the turbine to reflect the Chapter 509 requirement in our current permit.</p>	<p>Typographical error corrected.</p>
<p>X. Table 1. Applicable Louisiana and Federal...page 9</p>	<p>FUG 001, 002, 003 – Targa asks if there should be a “1” under Chapter 51 for each of these, or if the DEQ has opted to list this under AI 17897, facility wide, instead.</p>	<p>Typographical error corrected.</p>
<p>X. Table 1. Applicable Louisiana and Federal...page 10</p>	<p>AI 17897 – please remove the “1” under 40 CFR 63 NESHAP Subpart A. As the permit correctly states, the Venice Gas Plant is not subject to any MACT requirements.</p>	<p>Typographical error corrected.</p>
<p>X. Table 1. Applicable Louisiana and Federal...page 10</p>	<p>EQT 004 and 008 – please remove the (#1) and (#6) in the Description. Targa did not include these in the permit application so that we can get away from the historical use of these numbers.</p>	<p>Typographical error corrected.</p>
<p>X. Table 1. Applicable Louisiana and Federal...page 10</p>	<p>EQT 004 and 008 – Targa suggests there should be “3” placed under the NSPS Dc requirement to document negative applicability.</p>	<p>Typographical error corrected.</p>
<p>X. Table 1. Applicable Louisiana and Federal...page 10</p>	<p>EQT 014 – Targa suggests there should be “3” placed under the NSPS K, Ka, Kb requirements to document negative applicability.</p>	<p>Typographical error corrected.</p>
<p>X. Table 1. Applicable Louisiana and Federal...page 11 & 12, XI. Table 2, Page 19</p>	<p>EQT 021, 022, 023, 024, 029, 034 – if the DEQ wishes to document the negative applicability for NSPS IIII in Table 1, Targa would suggest making Table 2, page 19, consistent to document the negative applicability.</p>	<p>Typographical error corrected, except that EQT 029 is a turbine and is not subject to this Subpart. Therefore, no changes made associated with EQT 029.</p>
<p>X. Table 1. Applicable Louisiana and Federal...page 13, XI. Table 2, Page 19</p>	<p>EQT 045 - Targa suggests there should be “3” placed under the NSPS D, Db requirements to document negative applicability.</p>	<p>The applicability of Subpart Dc requirements, as noted in the Table 1, is deemed sufficient to assume that Subparts D or Db are not applicable. Therefore, no changes were made associated with EQT 045.</p>
<p>XI. Table 2. Explanation...page 15</p>	<p>Targa also suggests updating Table 2 by adding this information. EQT 004 and 008 – please remove the (#1) and (#6) in the Description. Targa did not include these in the permit application so that we can get away from the historical use of these numbers.</p>	<p>Typographical error corrected.</p>
<p>XI. Table 2. Explanation...page 17</p>	<p>EQT 004 and 008 – please remove the (#1) and (#6) in the Description. Targa did not include these in the permit application so that we can get away from the historical use of these numbers.</p>	<p>Typographical error corrected.</p>

INVENTORIES page 1 of 3	EQT 004 and 008 – please remove the (#1) and (#6) in the Description. Targa did not include these in the permit application so that we can get away from the historical use of these numbers.	Typographical error corrected.
INVENTORIES page 1 of 3	EQT044 – Please change the operating rates to 1750 kilowatt (or 2518 horsepower, if preferred).	Typographical error corrected. (Horsepower used)
INVENTORIES page 2 of 3	GRP003 ("Entire Facility") is lacking EQT037. This should be included.	EQT 037 was and is still listed as a member of GRP 3, Entire Facility. The ordering is controlled by TEMPO, and it is the first one listed.
INVENTORIES page 2 of 3	EQT 004 and 008 – please remove the (#1) and (#6) in the Included Components. Targa did not include these in the permit application so that we can get away from the historical use of these numbers.	Typographical error corrected.
INVENTORIES page 3 of 3	EQT 004 and 008 – please remove the (#1) and (#6) in the Stack Information. Targa did not include these in the permit application so that we can get away from the historical use of these numbers.	Typographical error corrected.
INVENTORIES page 3 of 3	EQT029 – Please change the Height to 47.8 ft. Please change the Temperature to 949 degrees F. This should match what is on the EIQ in the permit application.	Typographical error corrected.
EMISSION RATE FOR CRITERIA POLLUTANTS page 1 of 3	EQT 009 – The max lb/hr emission rate for VOC should be 0.17 lb/hr per the update submitted by Ms. Stacy Carr of Trinity Consultants on February 8.	Typographical error corrected.
EMISSION RATE FOR CRITERIA POLLUTANTS page 2 of 3	EQT 045 – The max lb/hr emission rate for PM10 should be 0.34 lb/hr	Typographical error corrected.
SPECIFIC REQUIREMENTS page 1 of 16	EQT 004 and 008 – please remove the (#1) and (#6) in the Description. Targa did not include these in the permit application so that we can get away from the historical use of these numbers.	Typographical error corrected.
SPECIFIC REQUIREMENTS page 9 of 16, Condition No. 109	EQT046 – Condition 109 lists a requirement for a performance test for CO according to Method 10. NSPS KKKK does not regulate CO (per 60.4315). Targa suggests this is an error and Condition 109 should be removed from the permit or the condition should be revised to reflect the methods for the tests listed in Conditions 118 and 119.	Carbon monoxide stack concentration testing is an additional requirement per DEQ's Stack Testing Policy in accordance with LAC 33:III.501.C.6. While this policy also requires NOx testing, the Subpart KKKK NOx testing requirements were deemed sufficient and did not require the additional state only requirement for NOx stack testing.
SPECIFIC REQUIREMENTS page 10 of 16, Condition No. 116	EQT046 – Please remove Condition 116 as the CEMS option in 60.4335(b) was not chosen per our correspondence on Jan 12 and 22. Targa has chosen option 60.4335(a) instead.	Typographical error corrected. However, it was revealed that required Excess Emissions reporting requirements in accordance with 40 CFR 43.75(a) and 43.95 were not included. Therefore, these requirements were added to the permit.

<p>SPECIFIC REQUIREMENTS page 10 of 16</p>	<p>EQT046 – Targa would like to ask if there should be a condition for the notifications required in 60.7, similar to Condition 102.</p>	<p>There is no specific requirement in Subpart KKKK which states a notification requirement in accordance with 40 CFR 60.7 other than Excess Emissions Reporting, and as such there is no other specific 60.7 Subpart KKKK citation to refer. However, GRP 003 contains a requirement which states that all affected sources subject to 40 CFR Subpart A shall comply with all applicable requirements and as such the all applicable notification requirements as stated in 60.7 are required for all affected sources including EQT 046.</p>
<p>Statement of Basis, page 1, Section I</p>	<p>The Suite number should be 4300.</p>	<p>Typographical error corrected.</p>
<p>Statement of Basis, page 1, Section II, Last Sentence</p>	<p>The last sentence should read "... which is now under the ownership of Venice Energy Services Company (VESCO) and operated by Targa."</p>	<p>Typographical error corrected.</p>
<p>Statement of Basis, page 2, Section II, Paragraph 3 & 4</p>	<p>Change "Cryo Plant I" to "Cryo Plant II" in the last sentence of each of the two (2) paragraphs.</p>	<p>Typographical error corrected.</p>
<p>Statement of Basis, page 3, Section III, Paragraph 2</p>	<p>Change "2,518 kilowatt diesel-fired generator..." to "1750 kilowatt" (or 2518 hp, if preferred). The generator is 2518 hp or 1750 kW.</p>	<p>Typographical error corrected.</p>
<p>Statement of Basis, page 3, Section III, Paragraph 2</p>	<p>Please remove the sentence "The fractionator and associated equipment will also be shut down as a result of Hurricane Katrina." While this is likely true, this permit application does not represent all the equipment that will be shut down as part of that final decision. At this time, we would like to represent all the fractionator equipment as still authorized, with the exception of the one TEG Unit.</p>	<p>Typographical error corrected.</p>
<p>Statement of Basis, page 3, Section III, List</p>	<p>The following changes should be made to the list of equipment shutdown: EQT008 should be EQT0010 – Condensate/Lean Oil Tank S-302A EQT010 should be EQT0011 – Condensate/Lean Oil Tank S-302B So that tanks EQT0010, 11, 12, and 13 are removed.</p>	<p>Typographical error corrected.</p>
<p>Statement of Basis, page 5, Section IV</p>	<p>EQT 004 and 008 – please remove the (#1) and (#6) in the Description. Targa did not include these in the permit application so that we can get away from the historical use of these numbers.</p>	<p>Typographical error corrected.</p>
<p>Statement of Basis, page 7, Section IV</p>	<p>EQT 004 and 008 – please remove the (#1) and (#6) in the Description. Targa did not include these in the permit application so that we can get away from the historical use of these numbers.</p>	<p>Typographical error corrected.</p>
<p>Statement of Basis, page 8, Section IV</p>	<p>EQT 44 – The DEQ may also want to update the listing by adding the negative applicability for EQT 021, 022, 023, 024, 029, 034 as per our comment above to be consistent with Table 1 and Table 2.</p>	<p>Typographical error corrected, except that EQT 029 is a turbine and is not subject to this Subpart. Therefore no changes made associated with EQT 029.</p>

Statement of Basis,
page 11, Section IV

For the "Statement of Basis" page 11 (continuing to page 12), NSPS Gas Turbine Monitoring Requirements, Paragraph 3, this should be adjusted to accurately reflect the proper test methods and requirements. Targa would suggest revising as follows: "Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E—Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10—Determination of Carbon Monoxide Emissions from Stationary Sources." This corresponds to the deletion of Specific Requirement 109 in lieu of 118 and 119.

As mentioned earlier, Carbon monoxide stack concentration testing is an additional requirement per DEQ's Stack Testing Policy in accordance with LAC 33:III.501 C.6. Therefore, no changes were made to this section of the statement of basis.



LOUISIANA

SINGLE POINT SOURCE / AREA / VOLUME SOURCE Emission Inventory Questionnaire (EIQ) for Air Pollutants

Department of Environmental Quality
Office of Environmental Services
P.O. Box 4313
Baton Rouge, LA 70821-4313
(225) 219-3181

Company Name: **Targa Midstream Services Limited Partnership** Plant location and name (if any): **Venice Gas Plant** Date of submittal: **December 2006**

Approximate location of stack or vent (see instruction on how to determine location of area sources)

UTM zone no. 15 Horizontal coordinate 16 Vertical coordinate

Stack gas exit velocity (ft/sec): **318** Operating rate (Max) or tank capacity (gallons): **2518 hp**

Stack gas exit temperature (°F): **952** Stack gas flow at process conditions, not at standard (ft³/min): **14,995** Date of construction/modification: **2007**

Stack gas exit diameter (ft) or stack discharge area (ft²): **0.79** ft² ft

Height of stack above grade (ft): **X**

Descriptive name of the equipment served by this stack or vent: **Diesel-fired Emergency Generator.**

Type of fuel used and heat input (see instructions): **Diesel** Heat input (MMBtu/hr): **8.59**

Operating Characteristics: **Operating Characteristics**

Percent of annual throughput of pollutants through this emission point:
 Dec - Feb: **25** Mar - May: **25** Jun - Aug: **25** Sep - Nov: **25** Normal operating time of this point: ***** Normal operating rate: **2518 hp**

Air Pollutant Specific Information * 500 hr/yr

Pollutant	Control equipment code	Control equipment efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lb/hr)	Maximum (lb/hr)	Annual (TPY)			
Particulate matter (10 microns or less)			1.76	2.03	0.44	4	gr/std ft ³	
Sulfur dioxide			8.15	9.37	2.04	4	ppm by vol	
Nitrogen oxides			60.43	69.50	15.11	4	ppm by vol	
Carbon monoxide			13.85	15.93	3.46	4	ppm by vol	
Total VOC (including TAP/Other VOCs)			1.78	2.04	0.44	4	ppm by vol	
							ppm by vol	
							ppm by vol	
							ppm by vol	

Maximum hourly emissions were calculated using a 15% variability factor.